



JPW

UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **ABE, Yasuhisa, et al.**

Group Art Unit: **2646**

Serial No.: **10/710,916**

Examiner: **Dionne PENDLETON**

Filed: **August 12, 2004**

PTO Confirmation No. **4915**

For: **SPEAKER AND METHOD OF INSTALLING THE SAME**

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 15, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.



The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,
HANSON & BROOKS, LLP

Mel R. Quintos
Attorney for Applicants
Reg. No. 31,898

MRQ/lrj
Atty. Docket No. 040388
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



23850

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449
(5) References
European Search Report dated April 7, 2006.



INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 040388	Serial No. 10/710,916
	Applicant(s): ABE, Yasuhisa, et al.	
	Filing Date: August 12, 2004	Group Art Unit: 2646

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	4,797,935	Tanaka	1/10/89	381	205	
_____	AB	4,267,993	Shimizu et al.	5/19/81	248	27.1	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
_____	AC	DE 38 17 351 A1	12/01/88	German	Abstract
_____	AD	WO 2004/064448 A1	07/29/04	PCT	Yes
_____	AE				
_____	AF				

OTHER DOCUMENTS

_____	AH	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 07, 31 July 1996 (1996-07-31) & JP 08 084389 A (MITSUBISHI ELECTRIC CORP), 26 March 1996 (1996-03-26) *abstract; figures 1,8*.				
_____	AG	European Search Report dated April 7, 2006.				
<table border="1"> <tr> <td>Examiner</td> <td>Date Considered</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>			Examiner	Date Considered		
Examiner	Date Considered					